

TRADOC System Manager (TSM) for Ground-based Midcourse Defense (GMD)

U.S. Army Space and Missile Defense Command

The National Missile Defense (NMD) TRADOC System Manager (TSM) office was chartered on Aug. 2, 1999, as the Army's user representative and centralized manager and integrator for all Doctrine, Organizations, Training, Materiel, Leadership and Education, Personnel, and Facilities (DOTMLPF) products associated with the land-based NMD System. On Nov. 15, 1999, the Army was designated as the Lead Service for the land-based NMD System. In early 2002, the NMD program was changed to Ground-based Midcourse Defense (GMD), consistent with new Department of Defense terminology.

For the purpose of accomplishing its Lead Service mission, the TSM GMD is assigned to the U.S. Army Space and Missile Defense Command (SMDC). The TSM GMD reports to the commanding general, TRADOC, through the commanding general, SMDC. By charter agreement between SMDC and TRADOC, a single user representative is established for TRADOC and SMDC. The goal is to leverage TRADOC and SMDC force development resources and operate within the established Requirements Determination Process to effectively and efficiently represent Joint user interests in the development of the GMD system.

The TSM acts on behalf of the Army and joint warfighter community, including the Army National Guard, U.S. Strategic Command (USSTRATCOM), U.S. Northern Command (USNORTHCOM), Air Force Space Command (AFSPC), and all subordinate user organizations involved in the GMD program. The TSM employs the processes and procedures identified in the interim *Memorandum of Agreement for Land-Based Missile Defense Lead Service and User Support Implementation* to develop consensus and promote teamwork. This effort ensures integrated, well-coordinated products and positions to and from the materiel developer and reduces friction, risk and perturbations in cost, schedule, and performance.

Letters from the Secretary of Defense on Jan. 2, 2002, and from the Undersecretary of Defense for Acquisition, Technology, and Logistics on Feb. 13, changed the scope and focus of GMD to a capabilities – vice a requirements-based system with the direction to have a Ballistic Missile Defense System Test Bed by Sept. 30, 2004. A presidential decision, announced in December 2002, to proceed with fielding an initial set of missile defense capabilities in 2004 and 2005, to include ground-based interceptors, sea-based interceptors, additional Patriot Advanced Capability (PAC-3) units, and sensors based on land, at sea, and in space, provided a more operational focus. The TSM GMD is restructuring the current Integrated Concept Teams (ICT) with the Joint Program Office (JPO) Integrated Product Teams (IPT) and aligning more closely with the JPO test, train, and exercise framework.

To execute this mission, the TSM GMD is organized into four main directorates:

1. Current Operations – This division is responsible for day-to-day TSM GMD baseline support and coordination. Functions include:

- Orchestrating this complex program by providing assistance with program integration.
- Representing the GMD User Community to the Missile Defense Agency (MDA), GMD JPO, and the Joint Air and Missile Defense Organization (JtAMDO), and coordinating GMD issues with the appropriate Army Staff agencies.
- Responsible for the development, implementation, and maintenance of the GMD User Community DOTMLPF+ Roadmap.
- Developing and implementing specific decision support tools required for Test Bed support and to enable Initial Defensive Operations (IDO), as required.

- Responsible for the development, implementation and maintenance of the GMD User Community Web site.

- Serves as the TSM GMD's lead for the scheduling, preparation, and execution of all GMD Joint Council of Colonels and Captains and Flag Officer/General Officer In-Progress Reviews.

2. Future Operations – This division is responsible for ensuring that all matters, products and positions pertaining to Strategic Operations, Exercises, and Training provided from the warfighter and user community to the materiel developer are integrated and coordinated. The Future Operations Division is managed from Colorado Springs, Colo., and is organized into three branches:

- The Strategic Operations Branch, focuses on GMD Program Strategy, Missile Defense Support Group, Association of the U.S. Army Panel Presentations, Defense Planning Guidance Studies, Combatant Commander Missile Defense Roles and Missions, and Strategic Communications. The branch coordinates its efforts through the GMD JPO, MDA, Army and Joint Staff.
- The Exercise Branch, focuses on GMD Simulations, Battle Planning Exercises, Combatant Command Exercises, JtAMDO Workshops, Table Tops and Joint Wargames, Senior Leader Seminars and Assessments. The branch coordinates its efforts through the Combatant Commands and Initial Defensive Operations (IDO) IPT Exercise Working Group, MDA, Test, Training, and Exercise Capabilities (TTEC) IPT, and the Force Development and Integration Center (FDIC).
- The Training Branch focuses on GMD Training and the GMD Fire Control/Communications (GFC/C) system. The branch coordinates its efforts through USNORTHCOM, USSTRATCOM, NORAD and the IDO IPT Training Working Group, TTEC IPT, FDIC, and the GFC/C IPT.

3. Personnel and Security – This division is responsible for force structure and ensuring manning and equipping of the GMD Test Bed and continued development of objective Force Structure. Its functions include providing the TSM coordination point for the Organization and Personnel ICT and IPT. Additionally, it coordinates and integrates Test Bed Force Protection development processes with the GMD JPO, FDIC, and the National Guard Bureau.

4. Materiel, Testing, Sustainment, and Facilities – Located in both Huntsville, Ala., and Washington, D.C., this division serves as a conduit between the warfighter/user community and materiel developer in the areas of materiel, testing, sustainment, and facilities. As the single-point interface in these areas, particular emphasis is placed on liaison activities with the Combined Test Force, GMD Site Activation Command at Fort Greely, Alaska, other SMDC entities, JtAMDO, and the GMD TTEC Product Office.

For more information, please contact:

U.S. Army Space and Missile Defense Command
Public Affairs Office
P.O. Box 1500
Huntsville, AL 35807-3801
Phone: 256-955-3887
Fax: 256-955-1214
Email: webmaster@smdc.army.mil
Website: www.smdc.army.mil

